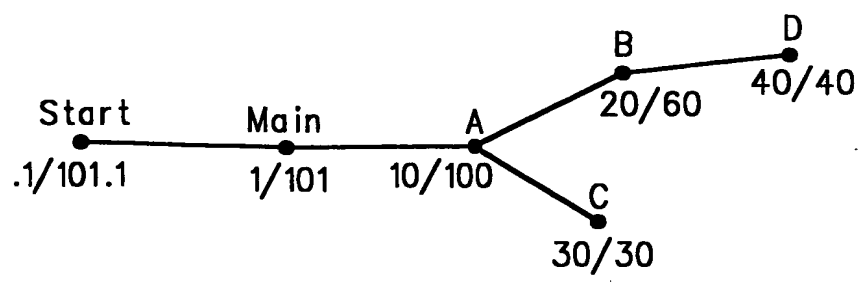
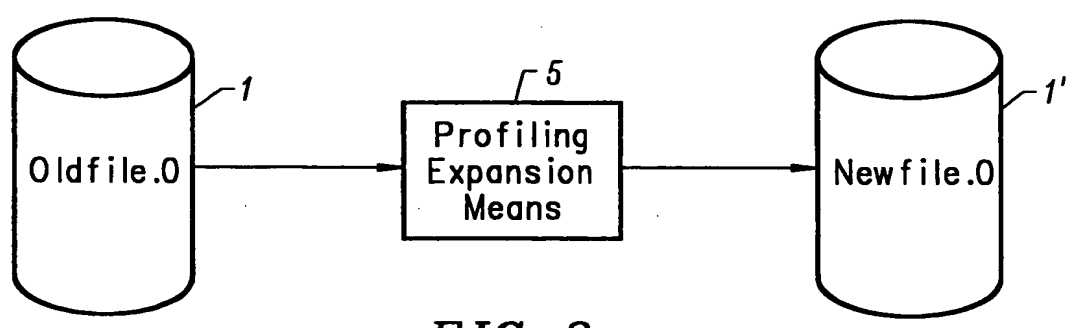


00557737.042500



*FIG. 1*  
(PRIOR ART)



*FIG. 2*

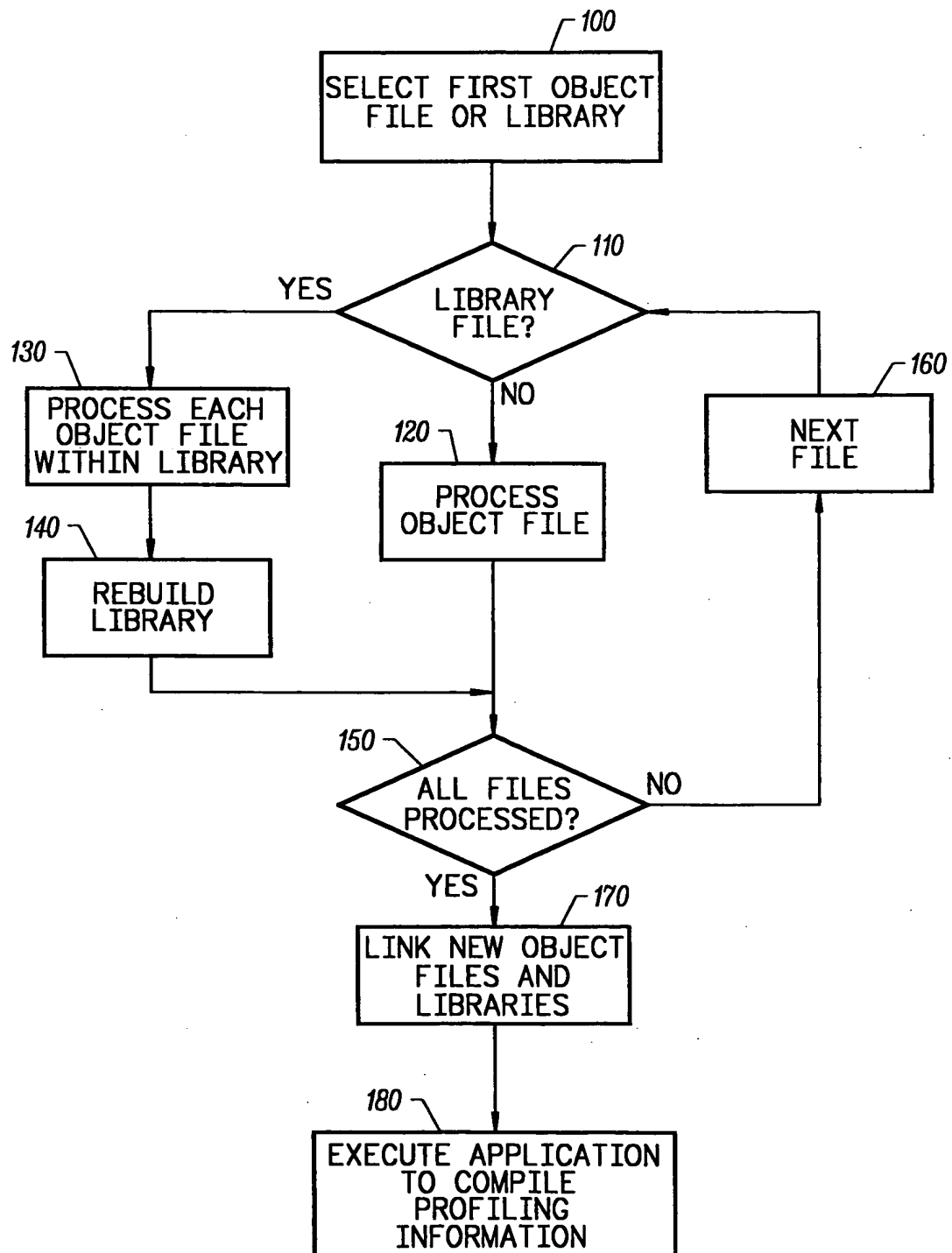
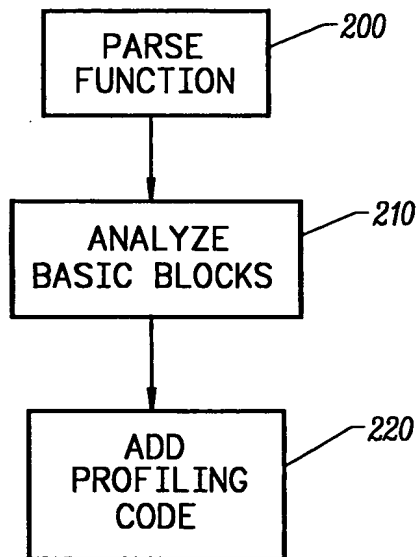
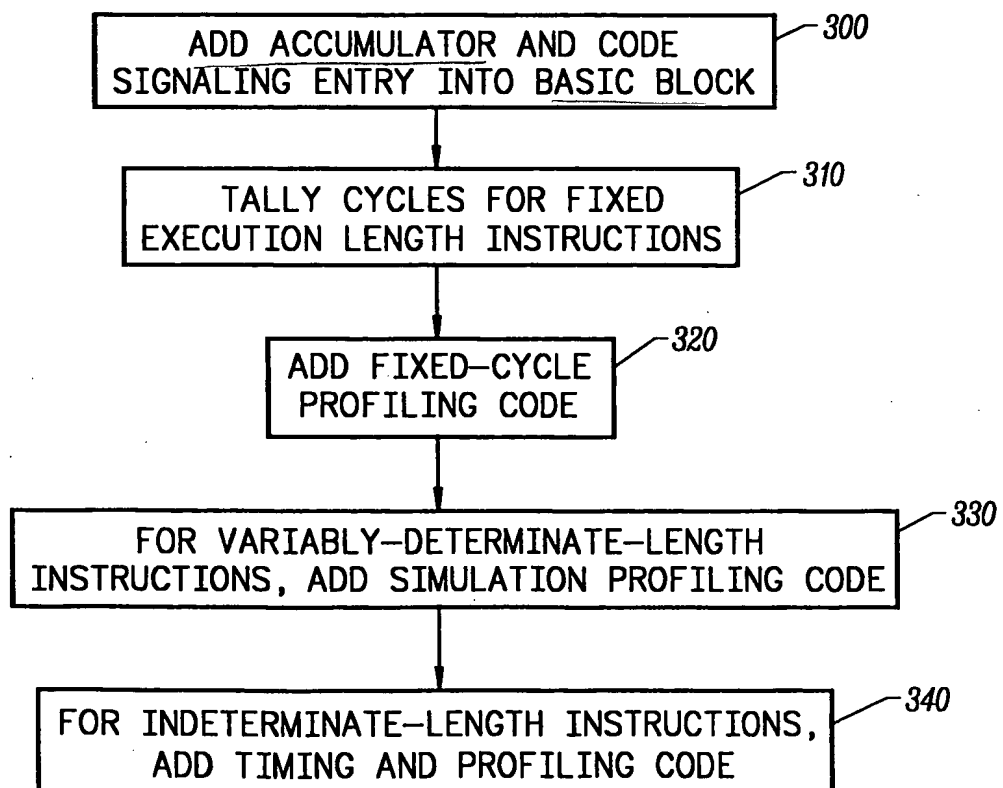
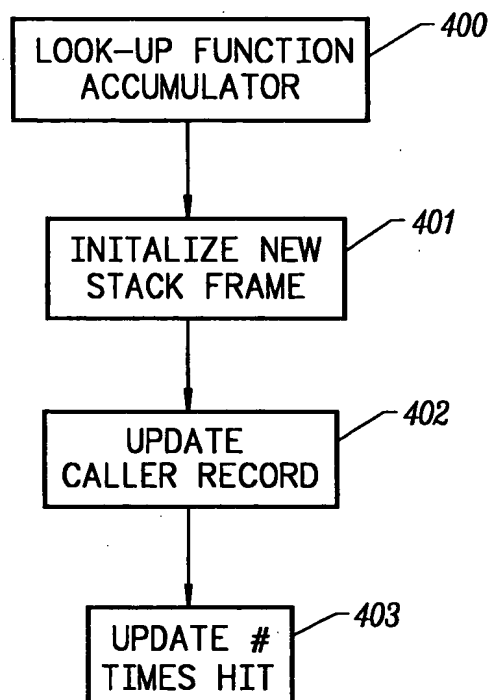


FIG. 3

*FIG. 4**FIG. 5*



*FIG. 6A*

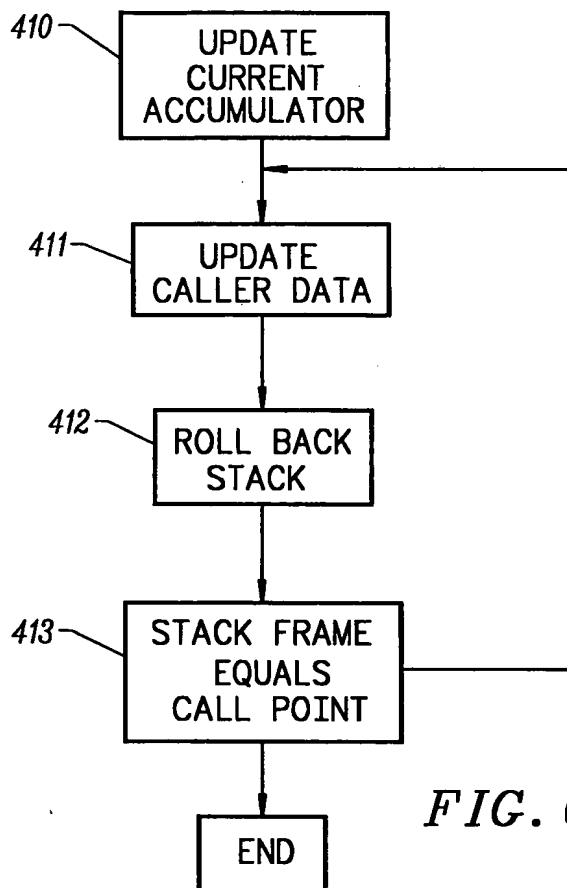


FIG. 6B

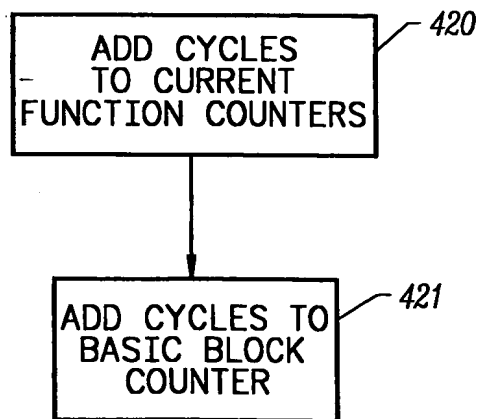


FIG. 6C

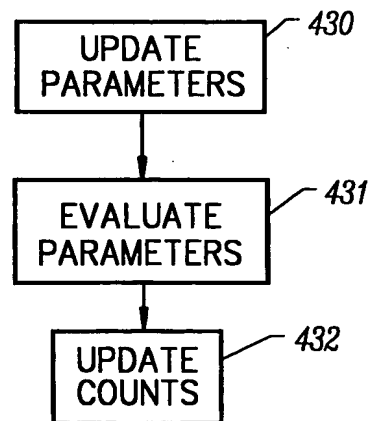
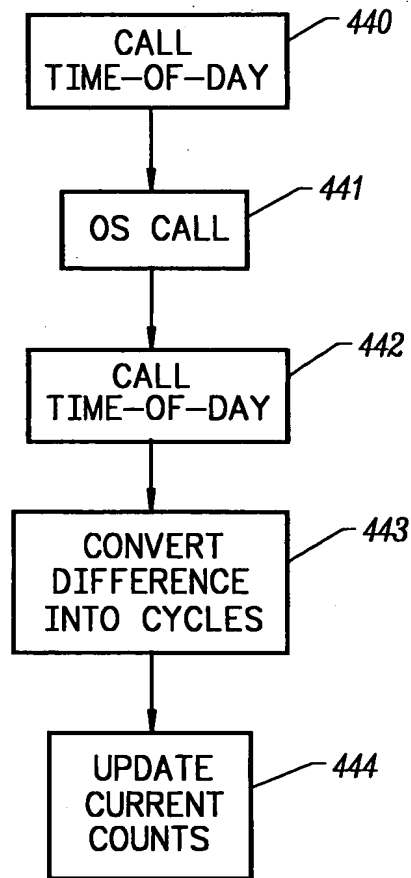


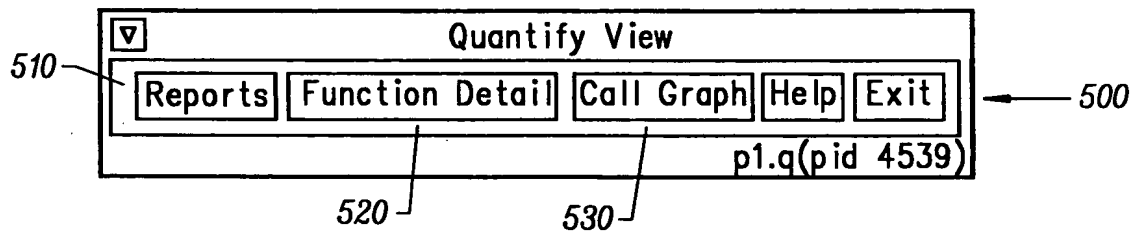
FIG. 6D

09557737 042500



*FIG. 6E*

0055737-04500



*FIG. 7*

005240" 2E25560

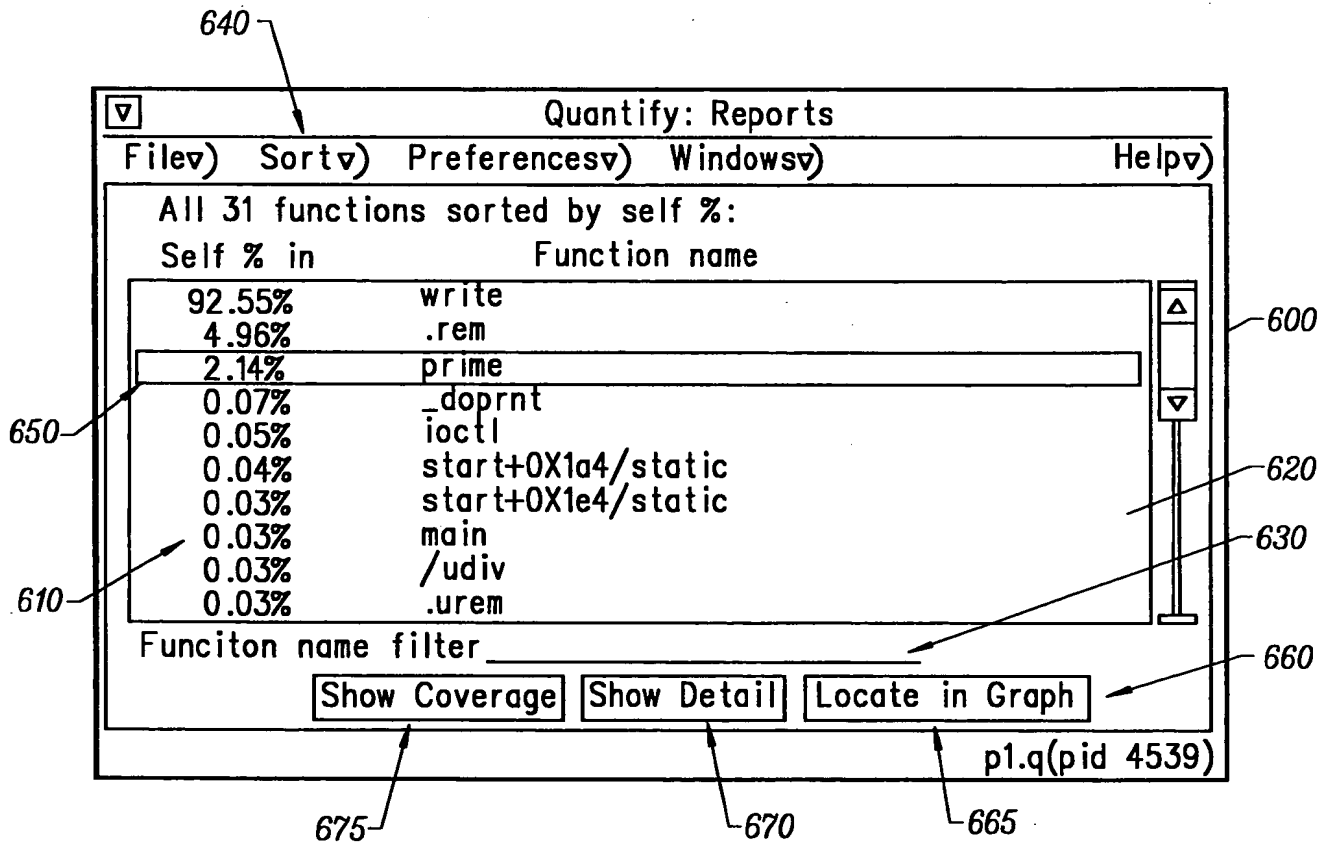


FIG. 8



005240" 4E229560

700

Quantify: small.c

File Windows Help

Source file: small.c (Read Only)

```
* Quantify: small.c
* Data from Quantify'd p1.p(pid 4539)
* Legend:
*   +-A comment line.
*   For each basic block, the first line indicates total self
*   I-Beginning and continuation of a single executed basic bloc
*   #-Beginning and continuation of a basic block that was not a
*   +-Beginning and continuation of several executed basic block
*   Comment line follows indicating counts for each basic bloc

prime(n)
int n:
* Called 999 times
* Self cycles: 1647471 ( 2.14%)
* Self+descendants cycles: 5474995 ( 7.10%)
* Called by:
* 999 times main
551326+ { int 1:
* 3996 547330
3859551 for (i=2: i<n: i++)
7021981 if (n%1=0)
24931 return 0:
5041 return 1:
49951 }

main()
* Called 1 time
* Self cycles: 20275 ( 0.03%)
* Self+descendants cycles: 77067938 ( 99.90%)
* Register window spills: 1
* Register window time: 270 ( 1.33% of self)
* Called by:
* 1 time start
```

p1.q(pid 4538)

FIG. 9

005240 042500

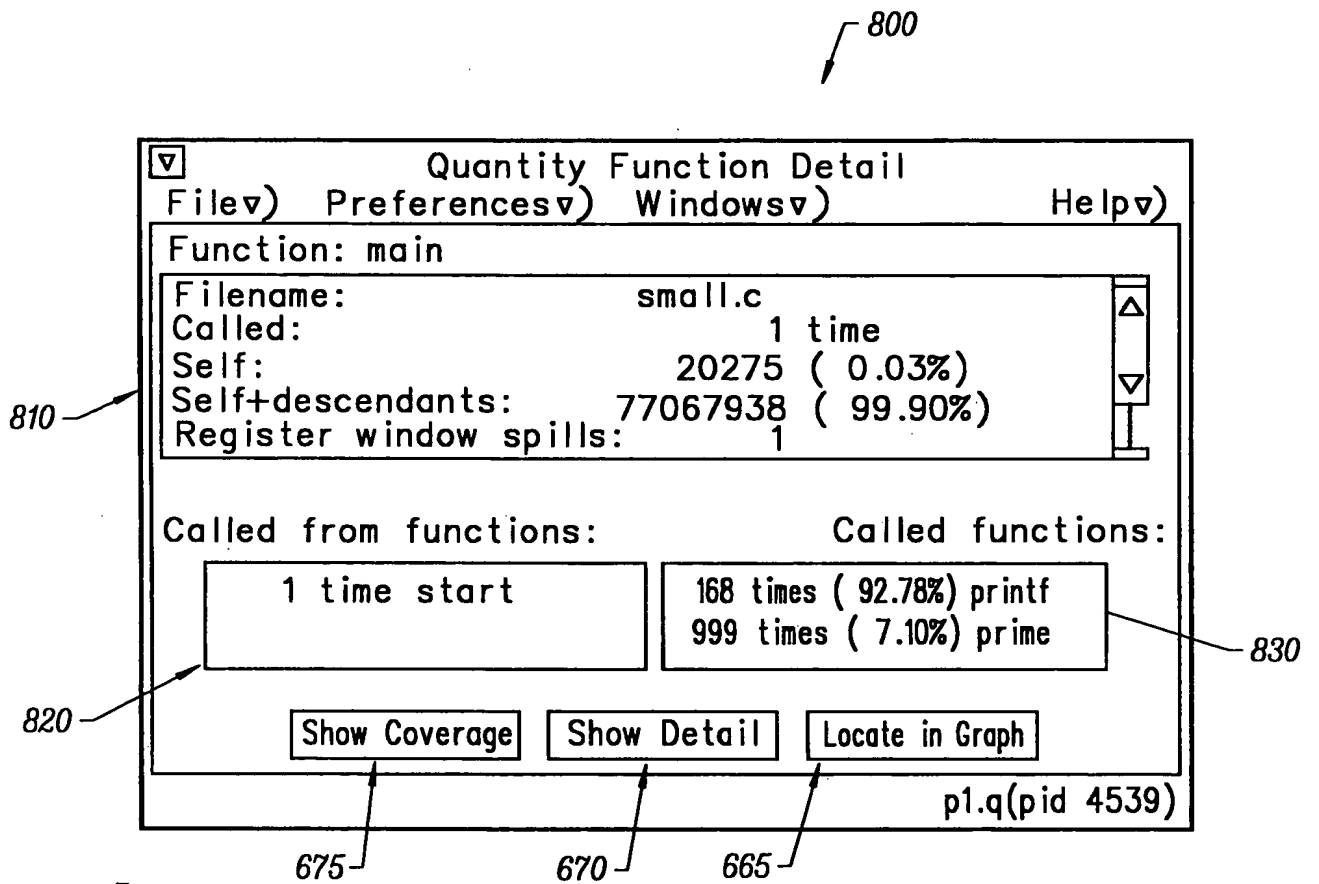


FIG. 10

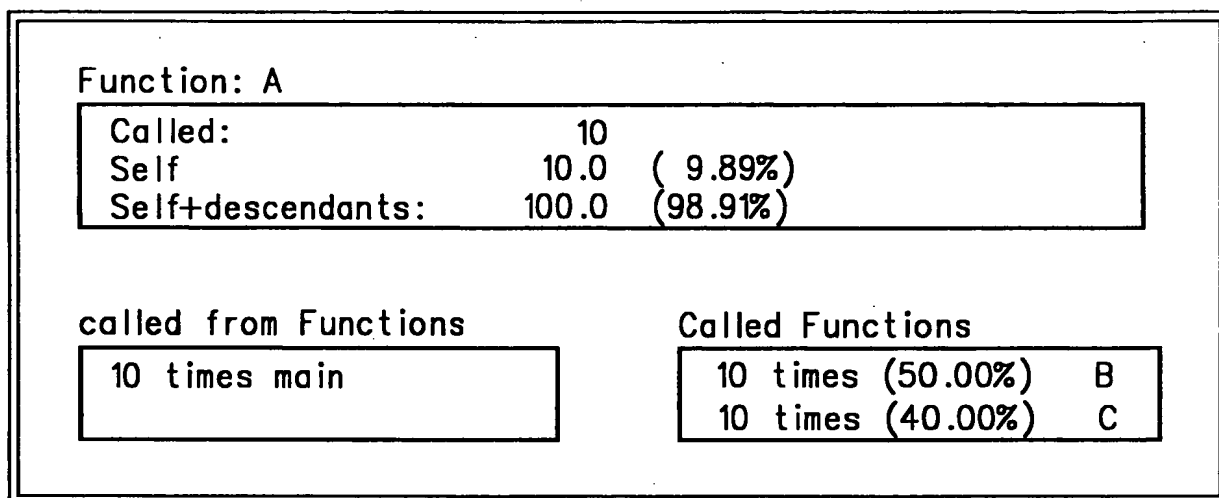


FIG. 11A

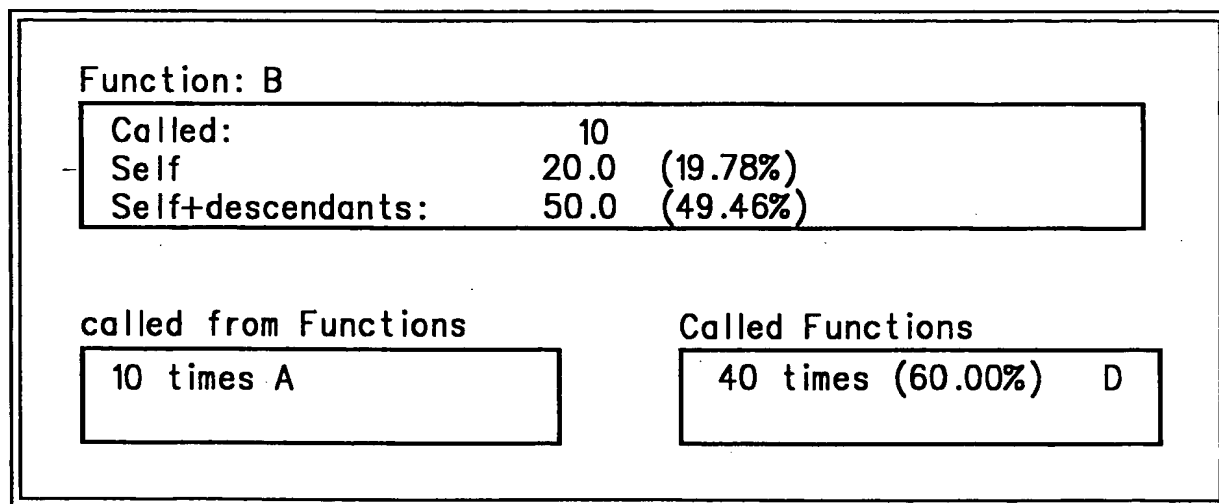


FIG. 11B

0055737-042500

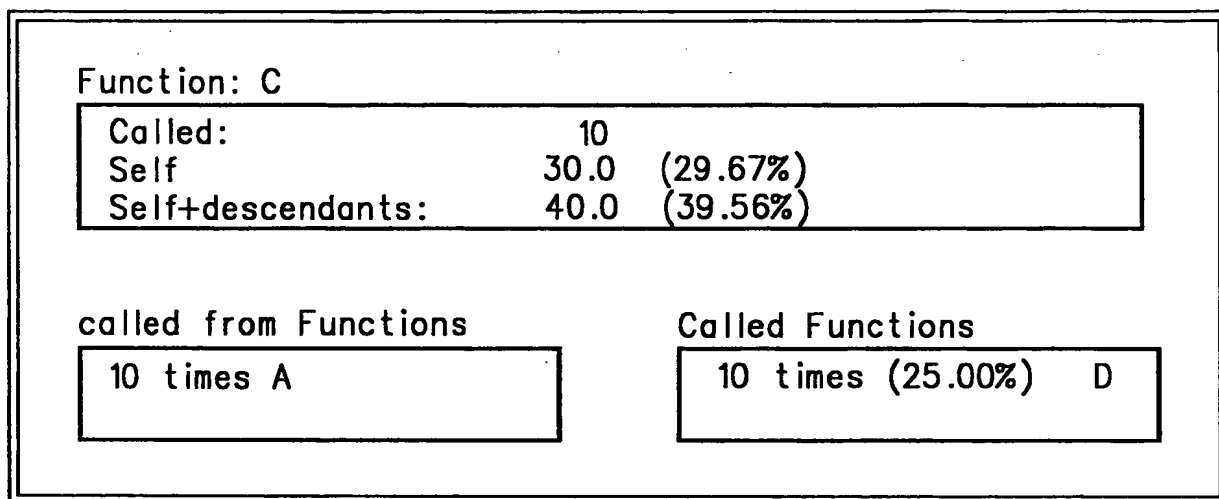


FIG. 11C

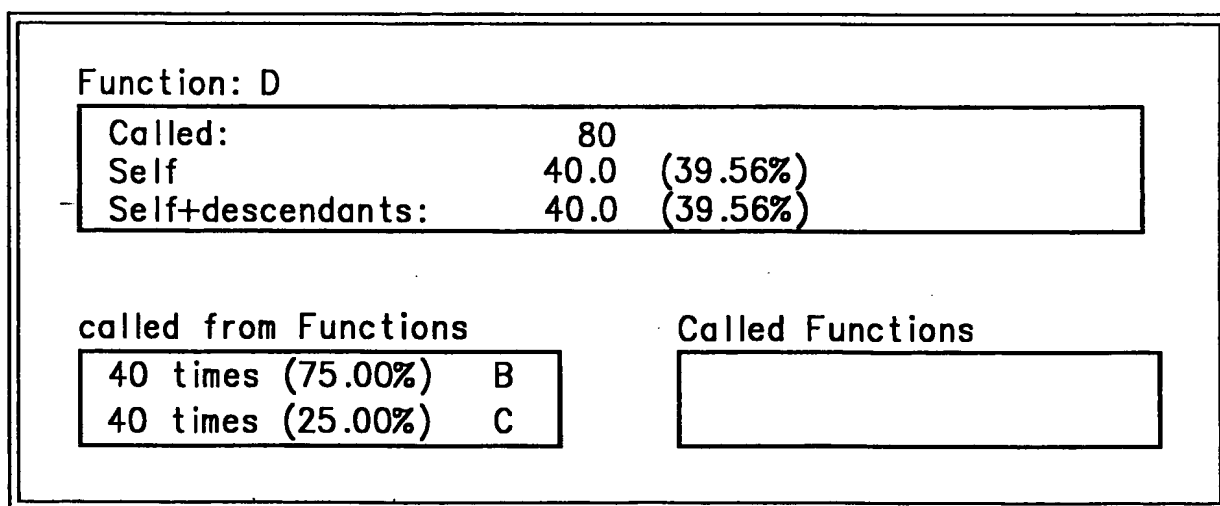


FIG. 11D



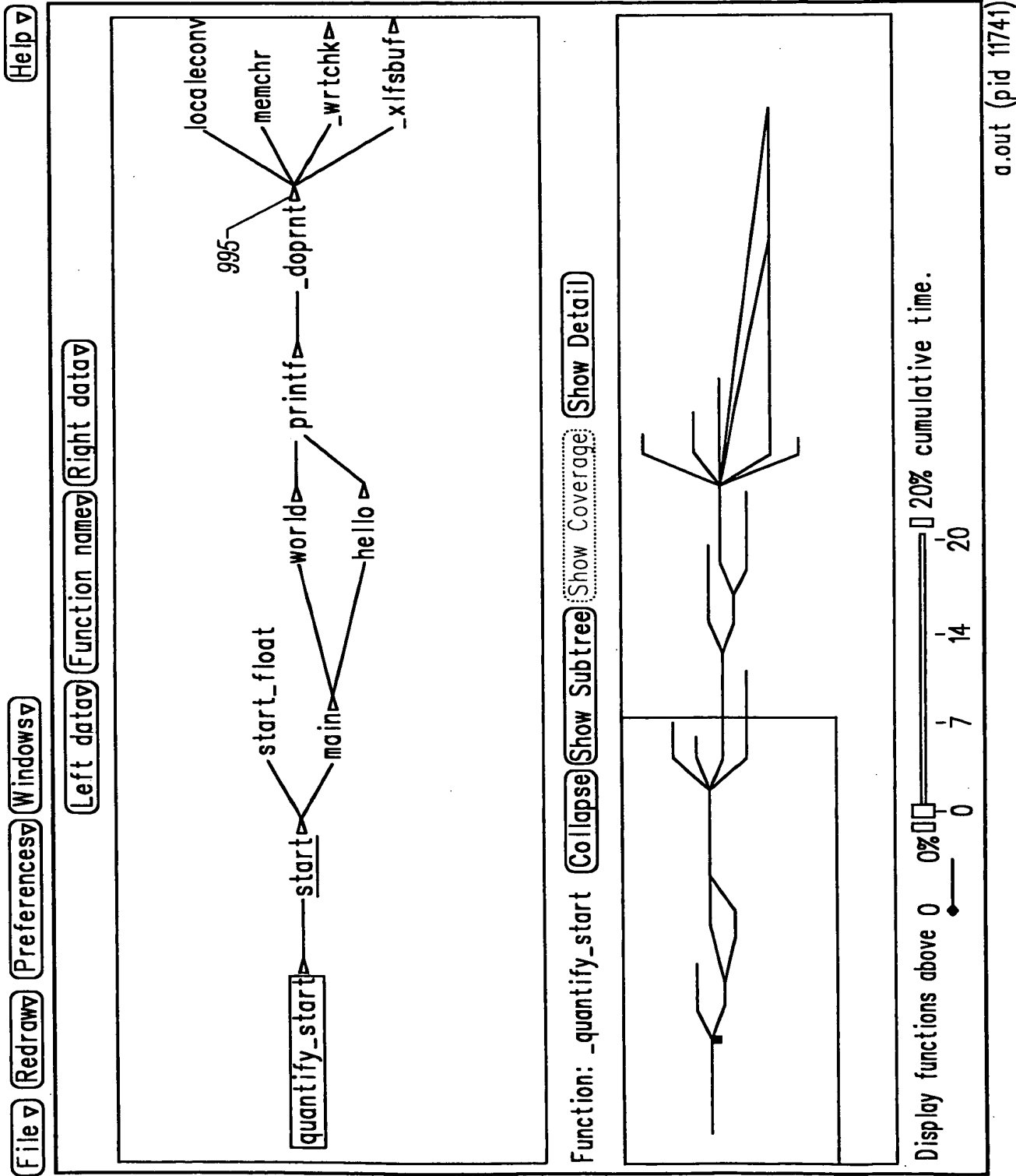


FIG. 12B

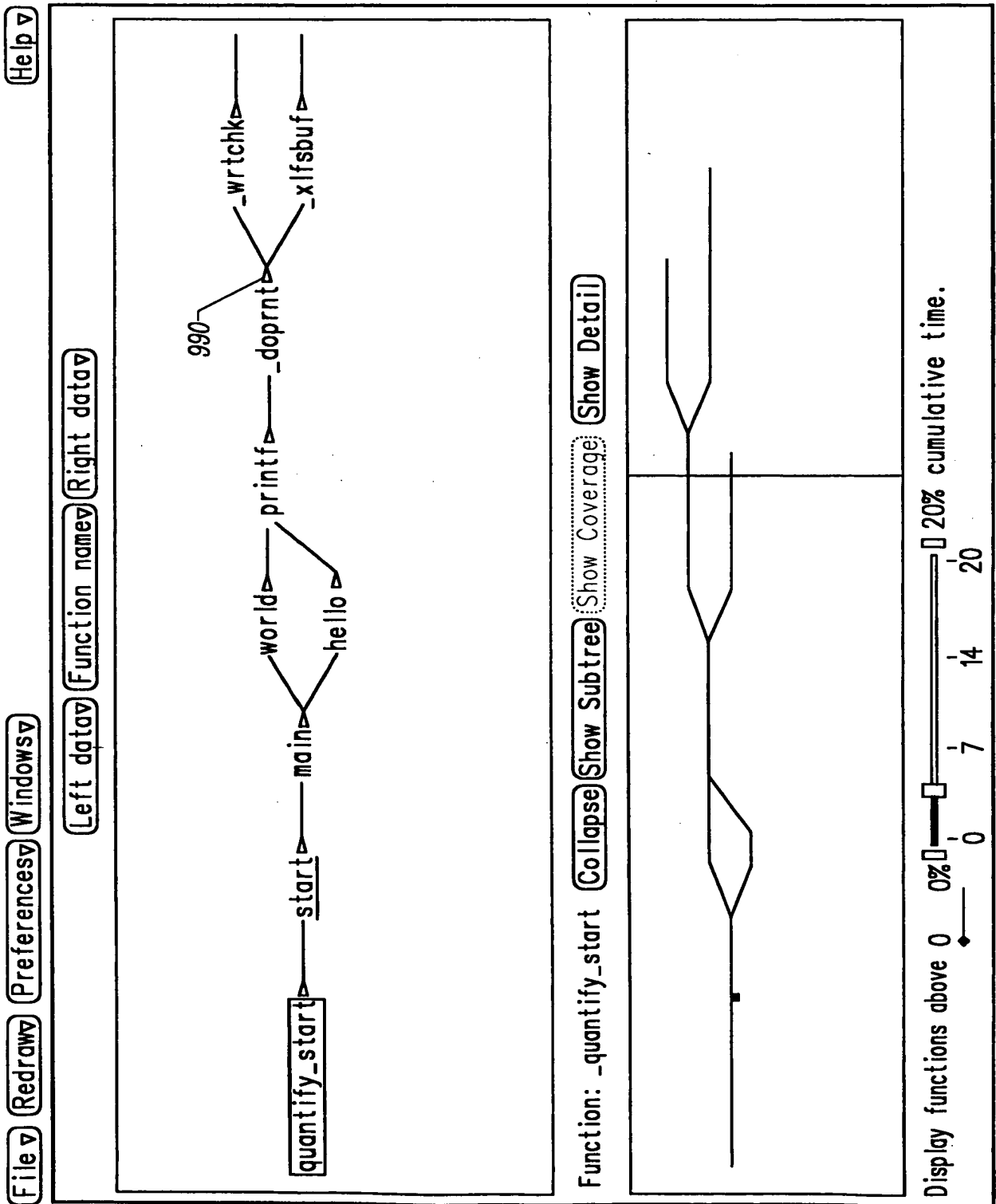
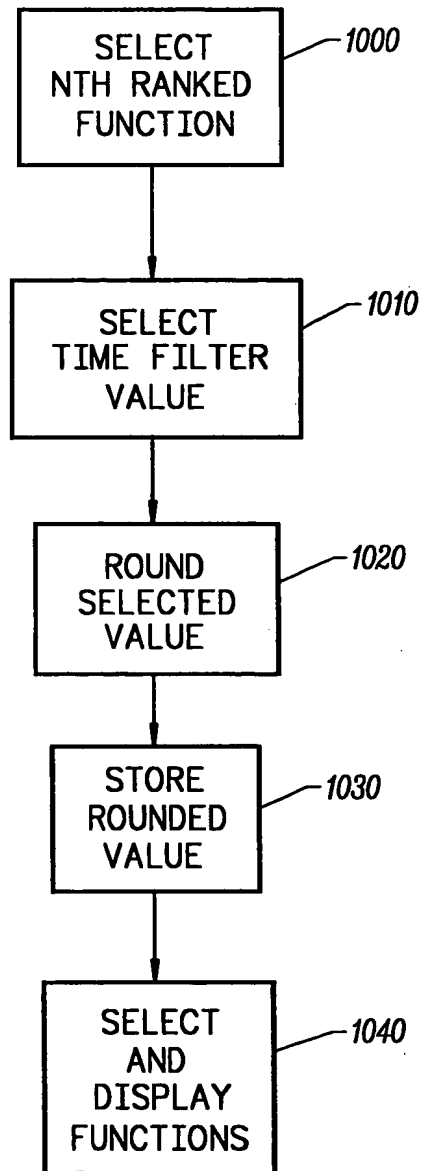


FIG. 12C

a.out (pid 11741)

005240" 4E/45560



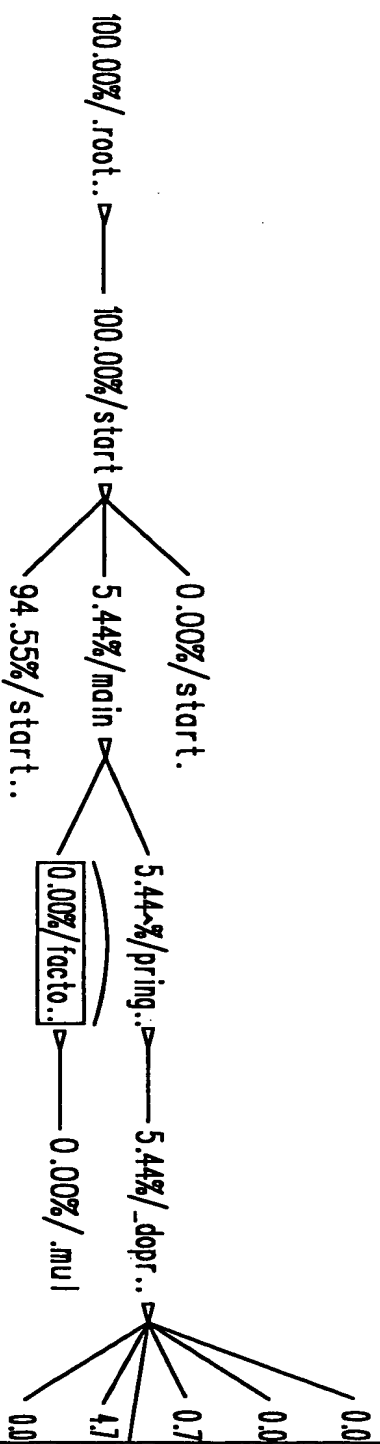
*FIG. 13*



Function Desc%

Function names

Right Annotations



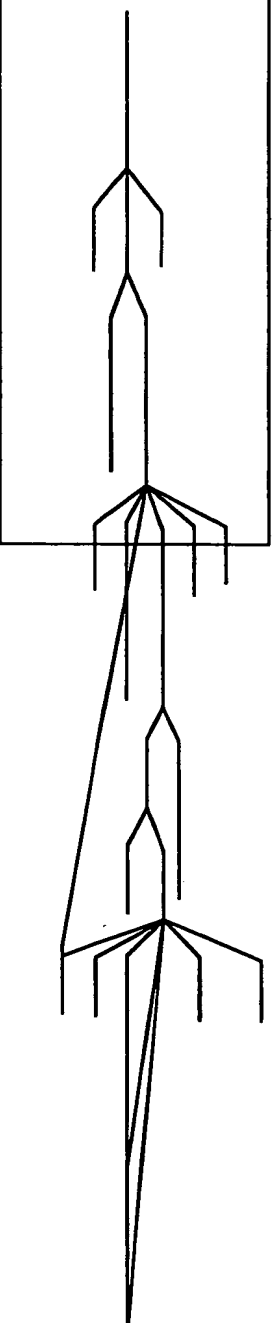
**factorial**

**Collapse**

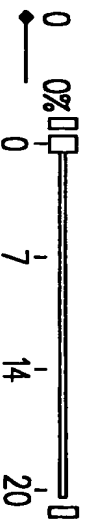
**Indicate Subtree**

Show Annotated Source

[Show Function Detail](#)



### Prune tree at function+descendants 0



factorial (pid 16060)

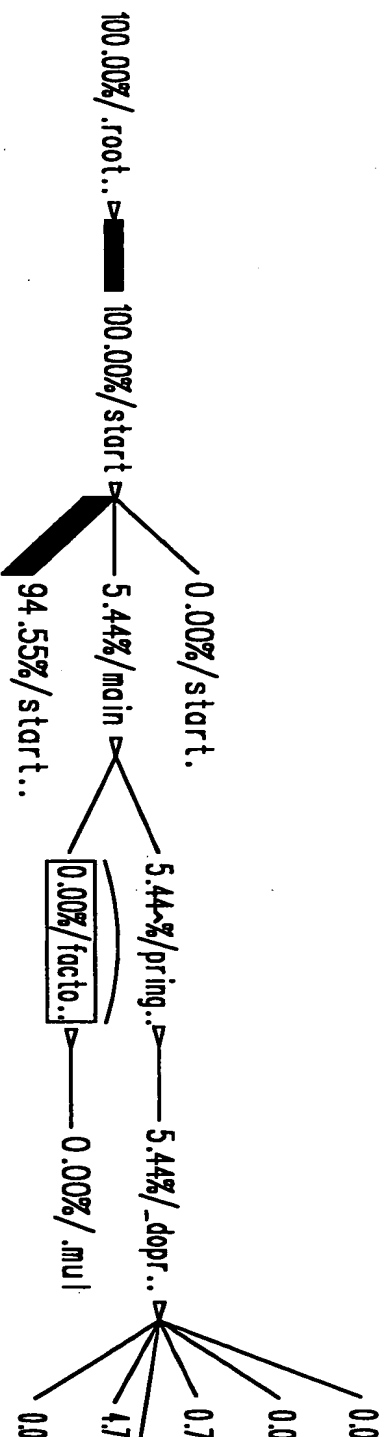
FIG. 14A

**Q**uestions **A**nswers

File ▾ Redraw Preferences ▾ Windows ▾

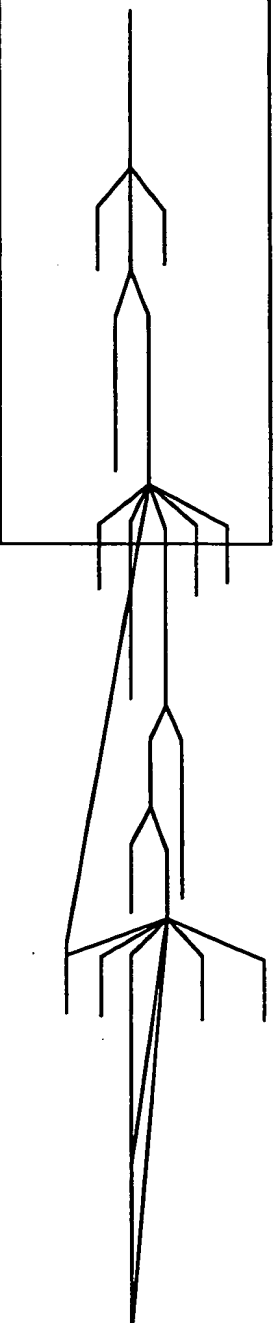
Help ▾

Func+Desc% ▾ ▾ Function names ▾ Right Annotations ▾



factorial

Collapse Indicate Subtree Show Annotated Source Show Function Detail



Prune tree at function+descendants 0 0% ▾ 0 7 14 20 ▾

factorial (pid 16060)

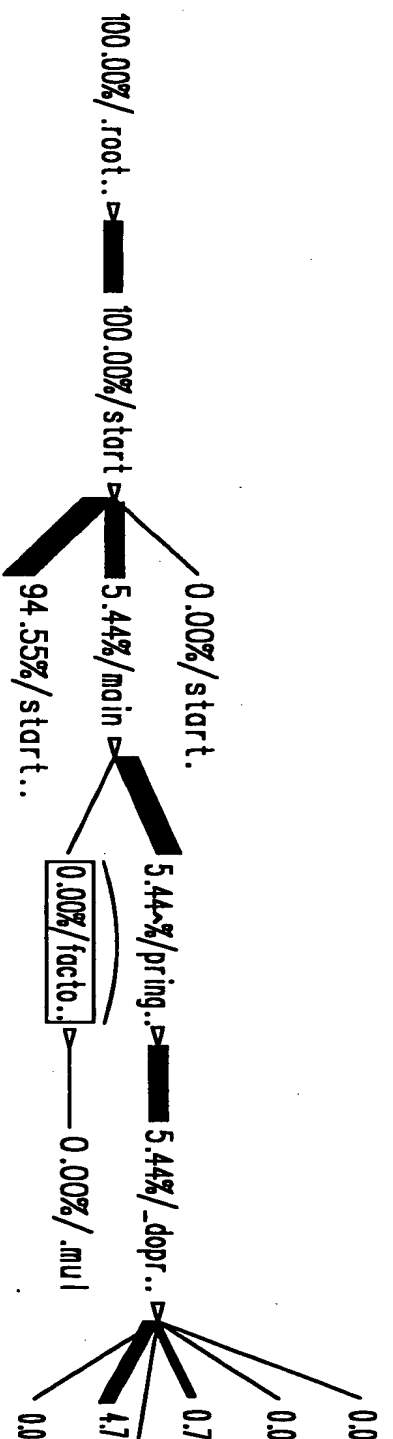
FIG. 14B

095737 042500

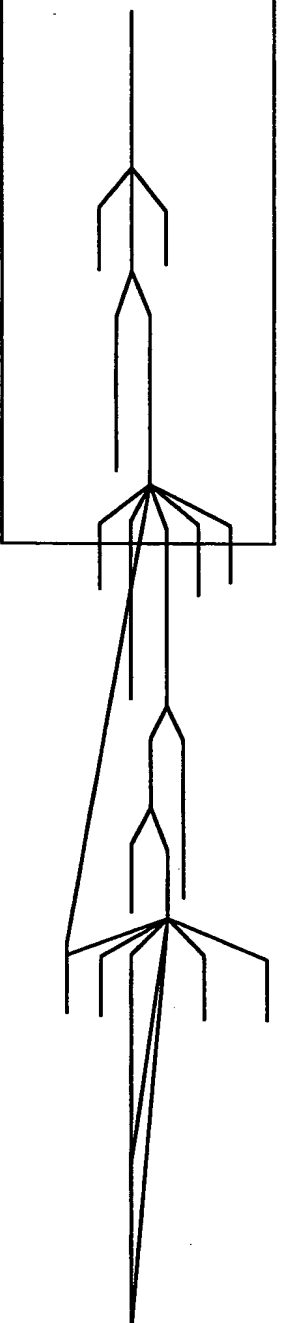
File ▾ Redraw ▾ Preferences ▾ Windows ▾

Help ▾

Func+Desc% ▾ ▾ Function names ▾ ▾ Right Annotations ▾



factorial



Prune tree at function+descendants 0 0% ▾ 0 7 14 20 ▾

factorial (pid 16060)

FIG. 14C

095537 042500